Robinia Four-Sided Climbing Cube

Climbing wall, spider-web net, rope ladder and overhead net in one frame



Functions

- Climbing
- Upper-body strength
- Grip strength
- Balance
- Coordination
- Social play

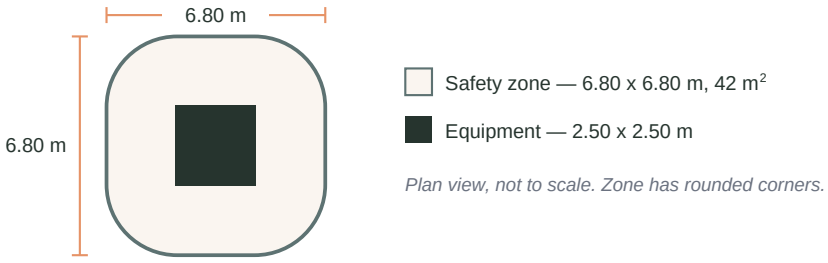
Technical Data

DIMENSIONS (L x W)	HEIGHT
2.50 x 2.50 m	**2.20 m**

SAFETY ZONE	FREE-FALL HEIGHT
6.80 x 6.80 m	**2.2 m**

Capacity: 10 users Recommended age: 3+ Total weight: approx. 300 kg

Safety Zone Plan



Plan view, not to scale. Zone has rounded corners.

Morti Sport & Play reserves the right to make changes to its products without notice.

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Materials & Construction

Posts & beams: Robinia hardwood, Ø14–16 cm: four 3.0 m posts and four 2.5 m top beams
Climbing wall: Douglas fir boarding with screw-fixed climbing holds, about 2.0 m high
Nets & ropes: Pentagonal spider-web net, overhead horizontal net (2.54 x 1.80 m), rope ladder with timber rungs, a climbing rope and two traverse ropes, all with chain-end fixings
Fixings: M16 threaded rods and bolts with washers and plastic cover caps
Foundations: Posts set 0.8 m below ground with the bottom 0.3 m in concrete; two foundation posts carry the climbing wall
Handling: Largest single part 3.0 m long and about 30 kg

With a free-fall height of 2.2 m, impact-absorbing surfacing to EN 1177 is required across the whole 42 m^2 safety zone (for loose fill, a 400 mm depth). We'll recommend the right finish for your site.

Images are computer visualisations; the installed product will look similar. Colours may vary from those shown.

How to Use

Climbing wall & rope ladder

Children climb the timber wall using the holds, or step up the rope ladder on its timber rungs, to reach the top frame.

Benefits:

Leg and arm strength, grip and route-finding.

Spider-web net & climbing rope

Climb through and across the pentagonal web net, or haul up the hanging climbing rope.

Benefits:

Coordination, grip strength and confidence at height.

Overhead net & traverse ropes

Move hand over hand under the overhead net, or edge along the low traverse ropes between the posts.

Benefits:

Upper-body strength, balance and core control.

Inspection & Maintenance

Routine visual check weekly (daily on busy or vandal-prone sites), an operational check every 1–3 months and a main inspection once a year. Check ropes, chain ends, climbing holds and bolt caps, and keep loose-fill surfacing topped up. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A compact Robinia climbing frame with a different challenge on every side: a timber climbing wall, a spider-web net, a rope ladder and climbing rope, low traverse ropes and an overhead net. Several children can climb at once on different routes, all within a 2.5 m square frame.

- Four climbing routes plus an overhead net in a 2.5 m square footprint
- Naturally durable Robinia hardwood posts and beams, with no preservative treatment
- Suits ages 3+ on school playgrounds, parks and natural play areas
- Designed, supplied and installed by Morti Sport & Play's own teams

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